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1984

ARS

Annual

Awards

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June 12, 1984 2:00 p.m.
National Arboretum
Washington, D.C.



ars Agricultural
Research
Service

ARS ANNUAL AWARDS CEREMONY

U.S. Department of Agriculture

June 12, 1984

P R O G R A M

Welcome and Introduction

Michael D. Christensen
Director
Personnel Division

Remarks

Terry B. Kinney, Jr.
Administrator

Recognition of

Department Honor Award Winners
Major Non-USDA Awards Winners
Special Awards Programs
1983 Edminster Award
1983 Scientist of the Year

Terry B. Kinney, Jr.

Announcing Career Service and
Performance Certificates of
Merit

Arthur H. Nies
Deputy Administrator
Administrative Management

Presenting Certificates

Terry B. Kinney, Jr.

Reception

DEPARTMENT HONOR AWARDS

Distinguished Service

William L. Mengeling
Ames, Iowa

For research reducing the incidence of swine diseases costing pork producers and consumers an estimated \$175,000,000 annually in the United States.

USDA Soil Erosion-Soil Productivity Modeling Group
Temple, Texas

Jimmy R. Williams - Team Leader

George W. Cole

John M. Laflen

Keith R. Cooley

Leon Lyles

Paul T. Dyke

Arlin D. Nicks

Ronald F. Follett

John W. Putman

Westal W. Fuchs

Kenneth G. Renard

Allen R. Hidlebaugh

Clarence W. Richardson

Charles A. Jones

Andrew N. Sharpley

Samuel J. Smith

For outstanding achievement of a high priority need in developing a mathematical model (Erosion-Productivity Impact Calculator) for determining the effects of erosion on soil productivity.

Superior Service

Gordon E. Dickerson
Lincoln, Nebraska

For outstanding contributions to clarification of breeding goals and development of optimum breeding methods for improving life-cycle production efficiency of major livestock species.

John P. Friedrich
Peoria, Illinois

For introducing supercritical carbon dioxide as a revolutionary replacement for flammable petroleum solvents in food oil extraction from oil seed crops.

Robert I. Papendick
Pullman, Washington

For pioneering research accomplishments and inspirational research leadership which has resulted in unprecedented advances in soil and natural resource conservation.

Tall Fescue Improvement Group
Athens, Georgia

Joe D. Robbins - Team Leader

Charles W. Bacon

Robert C. Buckner

James K. Porter

For creative research contributions in finding a cause of fescue grass toxicity and incorporating those findings in a new variety of fescue having great agri-economic importance.

Brassin Research Group
Peoria, Illinois

Michael D. Grove - Team Leader

Judith L. Flippen-Anderson	John W. Mitchell
Luis E. Gregory	Gayland F. Spencer
Michael F. Kozempel	George L. Steffens
N. Bushan Mandava	Malcolm J. Thompson
Werner J. Meudt	J. David Warthen, Jr.

For discovering a new kind of plant growth regulator that can increase crop yields and introducing it for world food production.

Dr. Grove died suddenly on April 23. The award was accepted by Mr. Gayland F. Spencer.

The Crop Protection and Plant Management Unit, Peoria, Illinois, received a \$2,500.00 cash award for services rendered during the failure of the electrical substation. The Vice Chairman of the group called continuous electrical power to regulate the brassin production in connection with

ARS RESEARCH SCIENTIST-OF-THE-YEAR AWARDS

This award, which was established in 1982, recognizes the creative effort of ARS Scientists. Each Region selected a Regional Research Scientist of the Year and from this group the ARS Research Scientist of the Year was selected.

ARS Research Scientist of the Year

Ronald L. Horst, Research Physiologist
Ames, Iowa

For research accomplishments and specifically for development of analytical techniques for measuring vitamins D₂ and D₃ and their metabolites.

Northeastern Region Research Scientist of the Year

Malcolm J. Thompson, Research Chemist
Beltsville, Maryland

For research leadership and scientific contributions to the chemistry of natural products with emphasis on steroids, hormones, and inhibitors in insects and diverse organisms.

Southern Region Research Scientist of the Year

Richard T. Mayer, Research Entomologist
College Station, Texas

For excellence in performing research in and promoting the field of insect biochemistry and physiology.

Western Region Research Scientist of the Year

J. Neil Rutger, Research Geneticist
Davis, California

For outstanding achievement in research on induced mutations for breeding improved characteristics in rice cultivars.

SPECIAL AWARDS

Dr. John Gorham received a \$5,000 Sustained Superior Performance award for outstanding personal research and research leadership on acute and slow viral diseases that has benefited animal agriculture and increased basic knowledge of these diseases affecting animals and humans.

Dr. Jim E. Dale received a \$5,000 award for the invention, patenting, and disclosure of herbicide application equipment that advanced weed science, and significantly reduced the cost of herbicides and improved crop yields.

The Engineering and Plant Management Unit, PIADC, consisting of 25 employees shared a \$5,000 award for services rendered during the failure of the electrical submarine cable. The failure was for a duration of 11 months and the special efforts of this group allowed continuous electrical power to the Center.

MAJOR NON-USDA AWARDS

Federal Engineer-of-the-Year Program

The Federal Engineer-of-the-Year Award Program recognizes the accomplishments of engineers who serve the Federal Government. Sponsored by the National Society of Professional Engineers for the fifth year, one engineer from each Federal agency is recognized as the Engineer of the Year.

Mr. Wolfgang Heiland
Research Leader
Eastern Regional Research Center
Philadelphia, Pennsylvania

For pioneering and designing a continuous automatic beamhouse currently installed in the industrial pilot plant of the Eastern Regional Research Center. The equipment is used for conducting pre-chrome tanning of cattlehides.

Alexander von Humboldt Foundation Senior U.S. Scientist Award

Dr. William Bushnell was selected by the Foundation as Senior U.S. Scientist. He was awarded the opportunity of an extended research stay in the Federal Republic of Germany and the right to conduct research of his own choice.

TALCOTT W. EDMINSTER AWARD
FOR
MOST OUTSTANDING RESEARCH ASSOCIATE PROPOSAL

The Research Associate Program, implemented during the time Mr. Edminster was Administrator of ARS, provides scientists and engineers the opportunity to develop proposals on priority research proposals and to recruit scientists and engineers of unusual ability to conduct the research. The most outstanding proposal each year receives the Edminster Award and the Research Associate selected to conduct the research is named the Talcott W. Edminster Research Associate.

The proposal "Electrofusion for Gene Transfer" submitted by the Cell Culture and Nitrogen Fixation Laboratory at Beltsville, Maryland, was the winning proposal for 1983.

Dr. Barbara S. Mischke, Research Geneticist, was selected to work on this project and has been named the Talcott W. Edminster Research Associate.

Arthur S. Flemming Award

This award, sponsored by the Downtown Jaycees of Washington, D.C., annually honors ten outstanding young men and women in Federal Government - five in the scientific or technical field and five in the administrative or executive field.

Dr. Andrew G. Hashimoto, Research Leader,
Roman L. Hruska U.S. Meat Animal Research Center
Clay Center, Nebraska

For his outstanding achievement in leading a team effort and conducting personal research on the conversion of biomass into methane and livestock feedstuff.

CERTIFICATES OF MERIT

The following employees have received Quality Step Increases or Cash Awards for Sustained Superior Performance or for a Special Act or Service:

Frances B. Armistead, AAD
Marcellus T. Arnold, FMD
Warren R. Ashworth, AAD
Evelyn L. Ayers, GSD
Faith A. Bange, NPS
Evelyn Baumann, PD
Henry Becker, IS
Paul K. Bennett, BS
Sara Jean Binder, NPS
Daniel F. Bourgeois, FMD (New Orleans)
Stephen W. Brown, PD
Karen M. Brownell, PD
Shirley C. Chickering, AAD
Michael D. Christensen, PD
Johnell M. Colbert, FMD (New Orleans)
Carolyn Costa, NPS
Winifred E. Daves, IS
Catherine H. Davenport, BS
Sharon Dubose, PD
Betty Dyer, NPS
John E. Espenschade, AAD
Margaret L. Eversfield, OA
Darlene Fowler, PD
Jacqueline E. Garrison, PD
Donald J. Grace, PD
Dolores A. Haley, NPS
Richard T. Hastings, PD
Marlene Hebenstreit, OA
R. Tom Hinsch, IA (Rotterdam)
Withers G. Horner, PD
Dorothy L. Howell, FMD
Romulo G. Ignacio, AAD
Frederick D. Kane, FMD
Ann M. Kellam, GSD
Shannon L. Lawrence, FMD
Claire R. Leary, FMD
Edith R. Leydig, PD
Helen A. Ludwig, BS

Allan L. Lundberg, GSD
Alice L. MacNamara, PD
Margaret McLin, OA
M. Kathy Martin, NPS
Marcia A. Meador, PD
Marijke Michel, IA (Rotterdam)
K. Sharon Miller, NPS
Jean A. Mogel, NPS
Kathleen K. Morris, AAD
Roy Nash, IS
Sandra North, IS
Dolores O'Brien, NPS
Nancy F. Perfitt, NPS
Willard Phelps, AAD
Kathryn Pursel, OA
George P. Ratte, CDSD
Brendetta Redding, IS
Margaret C. Reed, NPS
Mary C. Reith, FMD
Anita Y. Rogers, IS
Carlene M. Russ, PD
Jennifer L. Scott, PD
Carol I. Shelton, FMD
Arthur L. Siehl, GSD
Morris Smelkinson, PD
Raymond N. Stickles, AAD
Sidney D. Talmud, PD
Mary Nell Tull, PD
Ted N. Tschudy, PD
Carolyn Violett, PD
Debra L. Whitman, GSD
George B. Williams, AAD
J. Larry Wilson, FMD
Norma L. Wise, FMD

CAREER SERVICE CERTIFICATES

35 Years

Donald E. Barber
Granderson C. Hackett, AM
Louis A. Janezic, FMD
Dolores B. O'Brien, NPS
Margaret Scesa, IA

30 Years

Harriet M. Fello, PD
Paul J. Fitzgerald, NCR
Marvin E. Jensen, NPS (Ft. Collins)
Boleslaus M. Kopacz, IA
Victor H. Lytton, CDSD
Wilda H. Martinez, NPS
Barbara J. Morris, AAD

25 Years

Robert P. Barnhill, GSD
George Carder, BS
James L. Dancy, AAD
Robert R. Day, CDSD
Margaret L. Eversfield, OA
Charles A. Geesey, AM (Stoneville)
Albert R. Grable, NPS (Ft. Collins)
John L. Hyde, NPS
James L. Jackson, AM (Ames)
Larry W. Lofton, AM (Athens)
Helen A. Ludwig, BS
M. L. Perry, AAD
Chester A. Reder, AM (Albany)
Eugene W. Riley, AAD
Virginia Stewart, PD

20 Years

Arthur F. Baca, Jr., AAD
Tyrone O. Bennett, GSD
Sharon E. Britton, AM (Peoria)
Jane E. Collins, IS

Gerald F. Combs, NPS
Gerald E. Courtright, PD
Wilda C. Eschbach, FMD
Arlene Gerdes, AM (Peoria)
Robert L. Green, AAD
Marjorie E. Griffith, AM (Ames)
Donna M. Haws, AM (Ames)
Robert T. Hinsch, IA (Rotterdam)
Richard C. Irwin, AAD
Alice L. MacNamara, PD
Margaret J. Mead, AM (Ames)
Warren P. Moss, FMD
Roy F. Nash, IS
Richard R. Rocha, PD
Carl E. Roeder, CDS
Mary Nell Tull, PD
Thomas E. Vowls, GSD
Ruth M. Warren, PD
Ed Wolfe, AM (Athens)

10 Years

Ernest M. Affa, GSD (Ft. Collins)
Anitha J. Anderson, FMD (New Orleans)
Keina Burrier, AAD
Dara Dickman, AAD
Susan S. Dixon, PD
Anne S. Foreman, AM (Minneapolis)
Carmen J. Harrington, PD
Lorin L. Herbold, AM (New Orleans)
Withers G. Horner, PD
Quension Kenley, Jr., AAD
Ivan J. Lambe, AM (Albany)
Denise M. Leger, PD
Edith R. Leydig, PD
Yao-Chi Lu, NPS
Judith L. McBride, IS
Judith E. McGuire, NPS
Jean Proctor, AAD
Cynthia J. Prucha, PD
Marta L. Saveraid, AM (Ames)
Terry R. Standridge, AM (College Station)

Margaret M. Theurer, NPS
Marina P. Tonello, PD
Kathryn A. Van't Hoff, CDSD
Michael M. Watts, PD
Garrie C. Williams, FMD
Moses Wright, AAD

AGRICULTURAL RESEARCH SERVICE

Acquisition & Assistance Division.....	AAD
Administrative Management.....	AM
Budget Staff.....	BS
Communications & Data Services Division.....	CDSD
Financial Management Division.....	FMD
General Services Division.....	GSD
Information Staff.....	IS
International Activities.....	IA
National Program Staff.....	NPS
Office of Administrator.....	OA
Personnel Division.....	PD

